



DEPARTMENT OF CONSERVATION
STATE OF CALIFORNIA

November 10, 2004

NOTICE

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801 K STREET
SUITE 2400
SACRAMENTO
CALIFORNIA
95814

PHONE
916/322-1080

FAX
916/445-0732

TTD
916/324-2555

INTERNET
conservation.ca.gov

■ ■ ■

ARNOLD
SCHWARZENEGGER
GOVERNOR

To: All Interested Parties

Subject: Biannual Report of Beverage Container Sales, Returns, Redemption, and Recycling Rates

Public Resources Code Section 14551 requires the Department of Conservation (Department) to report biannually on the redemption and recycling rates for each six-month period within 130 days at the end of that period. Enclosed please find the Biannual Report of Redemption and Recycling Rates for the first six months of the 2004 calendar year.

The beverage container recycling rate for all materials for the period January through June 2004 is 63 percent. Material specific recycling rates are as follows: aluminum 80 percent, glass 59 percent, #1 PET 42 percent, #2 HDPE 45 percent, #3 PVC 7 percent, #4 LDPE 0 percent, #5 PP 0 percent, #6 PS 0 percent, #7 Other 9 percent and Bimetal 4 percent.

Please contact me or Jim Ferguson, Assistant Director for the Division of Recycling, at (916) 323-3836, if you have any questions about this report.

Debbie Sareeram
Interim Director

Enclosure



Biannual Report of Beverage Container Sales, Returns, Redemption & Recycling Rates

Table 1
November 10, 2004

RATES			CONTAINERS			
ALUMINUM	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
JAN - JUNE 2004	80	80	4,537,901,585	3,609,379,317	0	2,663,663
JULY - DEC 2003	67	67	5,190,140,867	3,465,168,394	0	28,312,167
JAN - JUNE 2003	73	73	4,405,134,930	3,217,185,286	0	30,323,558
JULY - DEC 2002	70	70	5,117,738,002	3,592,569,402	0	49,310,002
JAN - JUNE 2002	79	79	4,303,156,814	3,378,585,046	0	36,679,346
GLASS						
JAN - JUNE 2004	67	59	1,596,067,315	949,538,523	60,416	169,308,088
JULY - DEC 2003	54	48	1,884,861,950	882,286,537	68,440	160,293,468
JAN - JUNE 2003	62	54	1,544,651,112	840,761,450	295,645	154,423,549
JULY - DEC 2002	53	47	1,879,713,609	882,526,227	233,617	151,473,485
JAN - JUNE 2002	66	59	1,547,044,854	906,330,107	146,840	162,534,721
#1 PET						
JAN - JUNE 2004	42	42	2,770,545,520	1,160,385,892	0	58,979,531
JULY - DEC 2003	33	33	3,227,662,192	1,052,318,447	0	66,618,399
JAN - JUNE 2003	39	38	2,326,196,324	894,825,771	0	59,267,981
JULY - DEC 2002	32	32	2,750,648,550	882,355,419	0	52,822,430
JAN - JUNE 2002	41	41	1,982,107,978	805,230,416	0	53,267,278
#2 HDPE						
JAN - JUNE 2004	127	45	209,903,820	94,035,775	0	177,599,657
JULY - DEC 2003	102	36	252,119,350	89,805,465	0	171,207,190
JAN - JUNE 2003	93	32	273,260,492	86,624,603	0	171,773,542
JULY - DEC 2002	111	41	220,046,220	89,740,194	0	158,756,725
JAN - JUNE 2002	126	44	207,025,906	91,726,397	0	172,752,313
#3 PVC						
JAN - JUNE 2004	8	7	496,804	35,696	0	3,523
JULY - DEC 2003	4	3	670,851	22,132	0	4,795
JAN - JUNE 2003	6	6	480,282	26,518	0	2,423
JULY - DEC 2002	1	0	1,822,200	6,304	0	4,702
JAN - JUNE 2002	1	1	1,696,523	13,616	0	940
#4 LDPE						
JAN - JUNE 2004	0	0	3,445,567	1,386	0	504
JULY - DEC 2003	0	0	4,248,622	996	0	11,456
JAN - JUNE 2003	0	0	3,052,428	1,579	0	1,758
JULY - DEC 2002	0	0	4,766,384	1,845	0	10,402
JAN - JUNE 2002	0	0	8,912,638	572	0	21

(Continued on next page)



Biannual Report of Beverage Container Sales, Returns, Redemption & Recycling Rates

Table 1
November 10, 2004

RATES			CONTAINERS			
#5 PP	Redemption	Recycling	Sales*	Recycled	Refillable	Postfilled
JAN - JUNE 2004	0	0	2,158,557	8,010	0	0
JULY - DEC 2003	1	1	1,186,409	11,101	0	6,425
JAN - JUNE 2003	0	0	604,273	996	0	500
JULY - DEC 2002	1	1	778,424	5,428	0	4,982
JAN - JUNE 2002	3	3	329,181	11,109	0	76
#6 PS						
JAN - JUNE 2004	0	0	31,925,111	43,744	0	2,925
JULY - DEC 2003	0	0	39,194,310	29,002	0	48,734
JAN - JUNE 2003	0	0	35,214,171	3,678	0	1,459
JULY - DEC 2002	0	0	39,158,064	23,432	0	9,116
JAN - JUNE 2002	0	0	34,232,364	3,267	0	28
#7 OTHER						
JAN - JUNE 2004	9	9	12,300,770	1,142,399	0	36,096
JULY - DEC 2003	1	1	15,354,126	116,837	0	25,345
JAN - JUNE 2003	2	2	10,166,265	173,945	0	7,750
JULY - DEC 2002	0	0	11,779,596	26,698	0	7,793
JAN - JUNE 2002	0	0	8,764,828	14,536	0	2,738
BIMETAL						
JAN - JUNE 2004	6	4	32,000,388	1,336,095	0	672,246
JULY - DEC 2003	3	3	38,800,022	1,011,115	0	189,428
JAN - JUNE 2003	10	10	29,496,963	3,086,967	0	331,318
JULY - DEC 2002	2	2	29,884,139	502,061	0	131,736
JAN - JUNE 2002	1	1	26,512,803	282,983	0	24,266
ALL MATERIALS						
JAN - JUNE 2004	65	63	9,196,745,437	5,815,906,837	60,416	409,266,233
JULY - DEC 2003	53	52	10,614,238,699	5,490,770,026	68,440	426,717,408
JAN - JUNE 2003	60	58	8,628,257,240	5,042,690,794	295,645	416,133,837
JULY - DEC 2002	56	54	10,056,335,188	5,447,757,009	233,617	412,531,372
JAN - JUNE 2002	66	64	8,119,783,889	5,182,198,050	146,840	425,261,726

CALCULATION OF REDEMPTION AND RECYCLING RATES

A = number of empty beverage containers returned

$$\text{Redemption Rate} = \frac{A + B + [C - (0.05 \times (A + B))]}{D}$$

B = refillables returned

C = postfilled food or drink packaging containers returned

$$\text{Recycling Rate} = \frac{(A+B)}{D} \quad \text{(The value in brackets [] is included only when greater than zero.)}$$

D = number of beverage containers sold

CONTAINER PER POUND RATES (CRV/POSTFILLED)	ALUMINUM	GLASS	#1 PET	#2 HDPE	#3 PVC	#4 LDPE
JAN - JUNE 2004	30.0/34.97	1.87/0.97	11.9/5.5	4.9/4.91	9.8/NA	35.0/NA
CONTAINER PER POUND RATES (CRV/POSTFILLED)	#5 PP	#6 PS	#7 OTHER	BIMETAL		
JAN - JUNE 2004	6.6/NA	69.8/NA	11.6 /NA	7.7/NA		

FOOTNOTE: * Because of the delay between the time a container is distributed for sale and the time it is returned for recycling, the Department has determined the average "Return Time" as two months. The sales shown reflect this two month lag period.

* Beginning 2003, all recycling and redemption rates are presented as whole numbers.